

Client Reference: T4AOA-03S0229-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

TAKAHIRO SUZUKI

Group Art Unit: UNKNOWN

Application No.: UNASSIGNED

Examiner: UNKNOWN

Filed: November 17, 2003

Confirmation No.: UNKNOWN

For: DISK APPARATUS AND DISK PROCESSING METHOD

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Mail Stop Patent Applications  
P. O. Box 1450  
Alexandria, VA 22313-1450

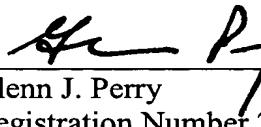
Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

Relevance of the non-English language references are discussed in the present specification and/or in the attached Background Art Information Sheet and English-language Abstracts of the non-English language references.

Respectfully submitted,

  
Glenn J. Perry  
Registration Number 28458

Date: November 17, 2003  
PILLSBURY WINTHROP LLP  
Telephone: (703) 905-2000  
Facsimile: (703) 905-2500  
P.O. Box 10500  
McLean, VA 22102

FORM PTO-1449 (modified)  
 To: U.S. Department of Commerce  
 (PW FORM PAT-1449)  
 Patent and Trademark Office

Atty. Dkt. No.	M#	Client Ref.
	0306845	T4AOA-03S0229-1

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Date: November 17, 2003

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Applicant: TAKAHIRO SUZUKI

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**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
ER						
FR						
GR						
HR						
IR						
JR						
KR						
LR						
MR						
NR						

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
OR	5-128743	05/1993	Japan	Goto		X		X
PR	5-159297	06/1993	Japan	Sato		X		X
QR	10-312568	11/1998	Japan	Sakurai		X		X
RR								
SR								
TR								
UR								
VR								
WR								
XR								

**OTHER** (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR		
ZR		
AAR		
BBR		
CCR		
DDR		

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Translation of the attached sheet (Japanese text portions only)  
Background Art Information

Patent No./Publication      Inventor(s)/Author(s)      Date etc

Jpn. Pat. Appln. KOKAI Publication No. 5-128743 (Application No. 3-313111); Published May 25, 1993; "Optical Disk Evaluation Apparatus"; Hitachi Maxell, Ltd.

\*Concise Explanation

This publication discloses a prior art method for detecting defects in an optical disk.

Jpn. Pat. Appln. KOKAI Publication No. 5-159297 (Application No. 3-326216); Published June 25, 1993; "Method for Switching Data Recording Areas of an Optical Disk Storage Device"; Fuji Electric Co., Ltd.

\*Concise Explanation

This publication describes how to switch recording areas in a replacement process. The present invention does not execute a replacement process and therefore does not require a replacement destination area.

\*Concise Explanation

Prior Applications of Inventors or of Kabushiki Kaisha Toshiba (Assignee)  
Application No.      Toshiba Reference      Country      Agent      memo

Inventor(s)

Signature & Date

Patent engineer's comment on inventor's information or patent engineer's information

Jpn. Pat. Appln. KOKAI Publication No. 10-312568

\*

This publication is referred to in the specification of the present invention.

Checked by

Dated

Toshiba Reference

Japanese Agent's Ref

sheet